What is claimed is:

1. A method for forming different liquid crystal twist angle in a liquid crystal display, wherein an orientation layer having concave and convex structures is formed over a substrate of the liquid crystal display, wherein the recession region of said structure is a first region and the convex region of said structure is a second region, said method comprising:

applying a first rubbing force to said orientation layer over said substrate, wherein a first angle exists between the direction of said first rubbing force and said adjusted and determined direction; and

applying a second rubbing force to said orientation layer over said substrate, wherein a second angle exists between the direction of said second rubbing force and said adjusted and determined direction;

 $\mbox{ wherein said first angle differs from said second} \label{eq:cond_property} \mbox{ 20 angle}.$

 The method of claim 1, wherein said first region is a reflection region and said second region is a transmission region.

10

15

- The method of claim 1, wherein said second region is a reflection region and said first region is a transmission region.
- 5 4. The method of claim 1, wherein said first rubbing force rubs said first region and second region.
 - 5. The method of claim 1, wherein said second rubbing force only rubs said second region.

10

25

- 6. The method of claim 1, wherein said first angle is a liquid crystal twist angle required by the first region.
- The method of claim 1, wherein said second
 angle is a liquid crystal twist angle required by the second region.
- 8. A method for forming different liquid crystal twist angles in a liquid crystal display, wherein an orientation layer is formed over a substrate of the liquid crystal display, said method comprising:

using a UV light having a first polarized direction and locating over said substrate to illuminate said orientation layer over said substrate; and

using the UV light having a second polarized direction and locating under said substrate to illuminate said orientation layer over said substrate;

wherein said first polarized direction differs from said second polarized direction.

- The method of claim 8, wherein the orientation
 layer formed over said substrate of the liquid crystal display has concave and convex structures.
- 10. The method of claim 8, wherein a first angle exists between said first polarized direction and said 10 adjusted and determined direction.
 - 11. The method of claim 10, wherein said first angle is a liquid crystal twist angle required by the reflection region.
 - 12. The method of claim 8, wherein a second angle exists between said second polarized direction and said adjusted and determined direction.
- 20 13. The method of claim 12, wherein said second angle is a liquid crystal twist angle required by the transmission region.
 - 14. A liquid crystal display comprises:
- 25 a first substrate;
 a second substrate;
 substrate and said second substrate;

15

a plurality of reflection regions formed over said first substrate:

a plurality of transmission regions formed over said first substrate;

5 a transparent conductor layer formed said transmission region;

said reflection region including a plurality of reflection electrodes; and

an orientation layer formed over said reflection electrodes and said transparent conductor layer, wherein said orientation layer formed over said reflection electrodes has a first orientation direction and said orientation layer formed over said transparent conductor layer has a second orientation direction;

10

15

20

wherein said first orientation direction differs from second orientation direction.

- 15. The liquid crystal display of claim 14, wherein said first orientation direction is adjusted and determined said liquid crystal twist angle between about 70 degrees and 90 degrees.
- 16. The liquid crystal display substrate structure, of claim 14, wherein said second orientation direction is
 adjusted and determined said liquid crystal twist angle between about 10 degrees and 70 degrees.

- 17. The liquid crystal display of claim 14, wherein the orientation layer formed over said first substrate has concave and convex structures.
- 18. The liquid crystal display of claim 17, wherein a first rubbing force is applied to said orientation layer to form a first orientation direction and a second rubbing force is applied to said orientation layer to change said first orientation direction to a second orientation direction.

10

15

19. The liquid crystal display of claim 14, wherein an UV light with a first polarized direction illuminates said orientation layer to form a first orientation direction and an UV light with a second polarized direction using said reflection electrodes as masks illuminates the orientation layer to form a second orientation direction.